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Spring 2009



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7th U.S. Army Joint Multinational Training Command Training Journal

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JMTC Provides Training that **Matters**

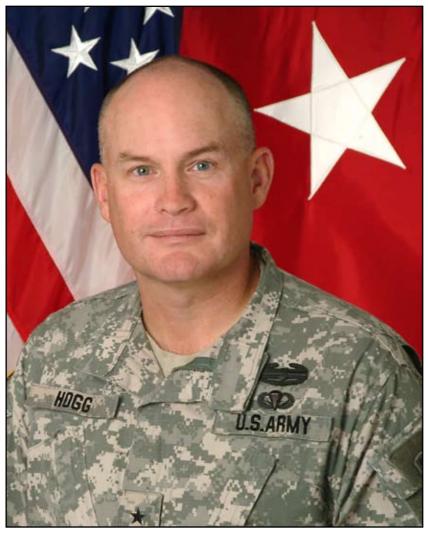
By Brig. Gen. David R. Hogg

¬ ver since Baron von Steuben ✓ sive, multi-echelon training to the fledgling Continental Army, the US Army's training community has proven itself flexible, and able to adapt based on the real-world circumstances and the emerging technologies of the day. Likewise, the JMTC has trained Servicemen and Servicewomen from the United States military and those of our Coalition Partners smarter, more safely, and more cost effectively, using a suite of training tools; live, virtual and constructive, that have been tailored to meet the needs of today's Army. These tools are designed to be exported anywhere, anytime, and used very often by those units preparing for deployments to Iraq and Afghanistan.

My goal as Commander is to ensure that each Soldier learn from the JMTC cadre and trainers what it takes to go downrange, do the Army's mission, and return home safely to their loved ones.

More realistically than ever before, we can simulate the realities of battle.

Central to our live-training mission is the Joint Multinational Readiness Center (JMRC), headquartered in Hohenfels, Germany, one of three U.S. Army combat training centers. The JMRC provides live "dirt" force-on-force instrumented combat scenarios and live fire exercises in the contemporary environment. Its mission is to improve unit readiness by developing Soldiers, their leaders and units in support of war efforts, such as, Operation Enduring Freedom, and Operation Iraqi Freedom, and Kosovo Force, a task force comprised of approximately 1,600 people who conduct peace-enforcement operations in Kosovo under the command of NATO. Using well-trained opposing forces, comprised of Soldiers that have been downrange, and a training area of more than 144 acres at the Grafenwoehr-



Hohenfels training complexes, units get prepared for the rigors of war. The JMTC strives to reproduce the events faced in battle so that Soldiers at all levels have the opportunity to train and not face those events for the first time during combat.

At the JMTC, there is an unusual advantage created by our proximity. Because of where we are in central Europe, on any given day, there are Soldiers from other European countries and Africa training on Grafenwoehr and Hohenfels ranges preparing for their own missions downrange. The integration of allied soldiers at, or at forward locations allows for the continuous pursuit of standardization and a mutual understanding that provides the basis for material solutions to close or mitigate interoperability gaps and enhance the effectiveness of coalition operations.

Key to improving operability of systems and software is the Joint Multinational Simulations Center (JMSC). The core capability of the JMSC is providing constructive (computer-based) models and simulations in support of unit training, from the individual Soldier learning to use Battle Command systems through major theater level exercises in

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support of U.S. European command and their Army Air Force, Navy, Marine and Special Forces service components in theater.

The JMSC is the only Army Battle Command Training Center certified by the Joint Forces Command National Training Capabilities Program to conduct joint training. The JMSC facilities are unmatched within the Army simulations community, and provide the flexibility to routinely support multiple simultaneous and back-to-back training events successfully.

Recently the JMSC opened building 2000, a newly renovated facility that will allow up to 4500 Soldiers to train at that location. With 65 rooms and more than 800 computers our capabilities have increased tremendously. For example, Austere Challenge is an annual exercise that includes as many as 5,000 participant located in multiple countries. Before building 2000, participants from combatant commands, such as Joint Forces Command, Strategic Command, Special Operations Command and service members from the North Atlantic Treaty Organization and other countries trained simultaneously, some here, but others were in other remote locations. This new facility gives them a real choice about where and how they train. At Camp Aachen, building 2000 can house the entire Tactical Operations Center, while still linking far-flung units by technology.

I'm proud of the progress we've made. The Directorate of Training is doing a terrific job. By combining maneuver and live-fire training areas with high-tech simulations and communications, the JMTC has increased the training possibilities for Soldiers and units to train in a sophisticated, complex and real-time battle environment.

For sure, no two exercises are ever the same, as JMTC continues to display flexibility, by tailoring each unit exercise or mission rehearsal based on unit capabilities, training needs and requirements. Whether convoy operations, counter-IED, or information operations, the JMTC staff provides expertise to assist units, as they meet their training needs and ensure Soldiers have the opportunity to develop and rehearse battle drills to meet existing and emerging battlefield requirements.

I'm certain Baron von Steuben would be amazed with what we've been able to do with his concepts. I'm sure he couldn't have ever imagined the heights to which we've taken his progressive system of multi-echelon training. Today around the globe there are US and allied Soldiers, Marines, and Airmen deployed who are fighting on multiple fronts, who have honed their skills at our facilities, it is for them we serve. We owe them the best training possible, and I know we are giving them our all.

Train to Win!

Congratulations



Ted Jackson, supervisory budget analyst (left) received his award during a ceremony Nov. 12, 2008. Jackson is shaking the hand of Col. Timothy Touzinsky, the JMTC Chief of Staff (right)

ed Jackson, Supervisory Budget Analyst at the 7th U.S. Army Joint Multinational Training Command was awarded special recognition as the recipient of the 2008 USAREUR Commanding General's Award for outstanding contribution to financial management.

Jackson performed an in-depth analysis to determine JMTC funding shortfalls and impacts to training in Europe, and developed a funding strategy that allowed JMTC to execute the USAREUR training mission, without having to cancel or delay any Live, Virtual, or Constructive training events. His funding strategy ensured the operational sustainment of major training programs for U.S. soldiers in Europe, as well as, facilitated the increase in training of multinational forces.

Because of Jackson's dedication and genuine concern, the JMTC has continued to provide world-class facilities, systems, and trainers to enable mission readiness of Service, Joint, Inter-Agency, NATO, and

JMTC Range Program Receives Army's Top Award for Management

By Christian Marquardt JMTC Public Affairs

The Joint Multinational Training Command's (JMTC)
Training Support Activity-Europe (TSAE) received the highest award in the Army for Tier 1 installations last month for their management of U.S. Army Europe's (USAREUR) Sustainable Range Program (SRP).

"With this award, HQDA recognizes that USAREUR SRP has set the standard for insuring our ranges and training lands are fully capable and improved where necessary" said Steve Kennedy, TSAE Range and Training Lands Program Manager.

The award highlights the strong partnerships USAREUR, JMTC and TSAE have with U.S. Army Garrison staffs and Host Nation agencies and stakeholders like the Bundes Forestry, as well as the tactical units that train on JMTC's ranges and training lands.

The TSAE identifies, acquires, manages and sustains training resources required to support all training provided throughout USAREUR's area of responsibility by the Joint Multinational Training Command. The organization also manages visual information, video documentation of training, and official DA Photos, in addition to the Sustainable Range program.

The TSAE also received First Place in Environmental Awareness Innovation, First Place in Multimedia Design, and First Place Soldier Field Card (JMRC Hohenfels), this year, in other competi-



Courtesy photo

Deb Lipyanic, Hohenfels Training Area Integrated Training Area Management (ITAM) Coordinator accepted the award on behalf of the TSAE SRP team during the Department of the Army Sustainable Range Conference in San Antonio, Texas, July 8. The award recognized USAREUR for outstanding work and achievements within the Sustainable Range Program. From left to right, Mr. Brian Ondrick, HQDA Sustainable Range Program Chief; Mr. Steve Kennedy, USAREUR RTLP Coordinator; Ms. Debbie Lipyanic, JMRC ITAM Coordinator; Mr. Nate Whelan, USAREUR ITAM Coordinator; and Mr. Tom Macia, HQDA Training Support Systems Chief.

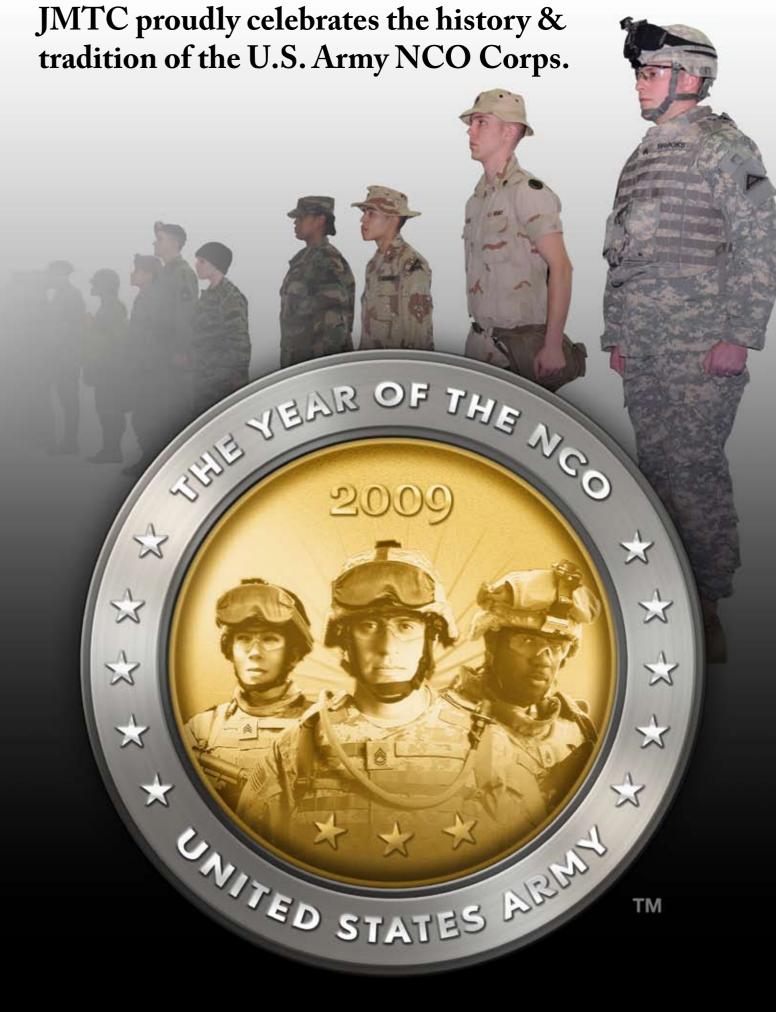
tive events.

The SRP award specifically cites the outstanding training support provided to the Joint Multinational Readiness Center, Hohenfels. In addition to supporting a dynamic training area, Deb Lipyanic, JMRC Hohenfels Integrated Training Area Management (ITAM) Coordinator, executes one of the largest training land management and rehabilitation programs in the U.S. Army.

The SRP consists of two core programs, the Range and Training Land Program (RTLP) and the ITAM program. RTLP focuses on range modernization and range operations while ITAM concentrates on training land manage-

ment and land rehabilitation. The program's primary responsibility is to ensure JMTC's ranges and training lands are capable, available, and accessible to USAREUR units and support all their doctrinal training requirements. The program also ensures the ranges and training lands provide a suitable setting for maintaining U.S. and allied units' combat readiness in preparation for operations in Iraq and Afghanistan.

TSAE is geographically dispersed with its headquarters located in Grafenwoehr and its subordinate Training Support Centers loaded throughout Germany, Italy, Holland, Belgium, Kosovo, Romania and Bulgaria.



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In Memoriam

1-4 Soldiers Honored by Romanian Land Forces



Maj. Brian Michael Mescall



Sgt. Jason Ray Parsons



Cpl. Joseph Michael Hernandez

Three U.S. soldiers, who were killed in action, while serving with the Romanian Land Forces, (ROULF) were posthumously honored during a ceremony at ROULF Headquarters in Bucharest, Jan. 16. The Soldiers of the 1st Bn., 4th Inf. Regt. (1-4) were attached to the ROULF, when they were killed Jan. 9, in the Zabul Province of Afghanistan, of wounds suffered when an improvised explosive device detonated near their vehicle in Jaldak.

"By conferring these awards, we offer these distinctions as a sign of respect and appreciation of the sacrifice made in the name of freedom," said Lt. Gen. Teodor Frunzeti, PhD, and chief of staff of the ROULF. "The U.S. and Romanian Army servicemen train together, fight together, and honor their heroes together."

Frunzeti, conferred the Medal of Honor of the Romanian Land Forces to U.S. Army Maj. Brian Michael Mescall; the Badge of Merit, "In the Service of Peace", 3rd Class, to U.S. Army Sgt. Jason Ray Parsons and U.S. Army Cpl. Joseph Michael Hernandez.

"We are devastated by the loss of Maj. Mescall, Sgt. Parsons and Cpl. Hernandez. But we are also profoundly proud and humbled by their service and their sacrifice in the defense of our Nation and the Afghan people," said Brig. Gen. David R. Hogg, commander of the 7th U.S. Army Joint Multinational Training Command. "The selfless service and commitment to duty displayed by these Soldiers, their Families, and 1-4 Infantry truly reflects what being a part of the Army Family is all about. We will keep Sgt. Lands, of the 1-4, and Lt. Col. Pegulescu, of the ROULF, in our prayers, as they recover from wounds received that tough day in combat."

The 1-4 has supported the International Security Assistance Force (ISAF) since 2004. It deploys a company-size unit, during each ISAF rotation to Afghanistan. When not deployed, the 1-4 serves as the Opposing Forces at the JMTC's Joint Multinational Readiness Center in Hohenfels, Germany, providing realistic training for U.S. and allied Soldiers preparing for deployments to Iraq or Afghanistan.

"For the ROULF to decorate our fallen Soldiers with their highest honors proves there is a commitment to peace, cooperation, and camaraderie that extends beyond the battlefield," said Hogg. "We are deeply honored by the recognition given our Soldiers by the Chief of Staff of the Romanian Land Forces, LTG Frunzeti and their continued commitment to fight side by side with our Soldiers in Afghanistan."

The awards were presented to Ms. Geri Guthrie-Corn, the Charge d'Affaires of the U.S. Embassy in Bucharest, to be sent to the fallen soldiers' families.

"The price for the defense of freedom has never been small. We are greatly honored by the way in which the memory of our compatriots was honored," said Guthrie-Corn.

Medical Simulation Center Brings Life-Saving Skills to Grafenwoehr

Story by Don Wagner Soldiers Magazine

ourteen Soldiers were ambushed upon entering a small building.

In a room filled with smoke and the sounds of gunfire, explosions and screams of agony, the Soldiers found several casualties with a multitude of injuries. The Soldiers treat the wounded.

The "ambush" was simulated, but the training offered by the cadre of the 7th U.S. Army Joint **Multinational Training** Command in Germany is

The Command supports training exercises for U.S. and coalition units deploying throughout the EUCOM, CENTCOM, and AFRICOM areas of responsibility. NATO forces and allied countries. such as Poland, Russia, the Czech Republic, Bulgaria and Romania, also train at its ranges and facilities.

The JMTC's state-ofthe-art Medical Simulation Training Center (MSTC) is designed to help Soldiers complete Combat Medic Advanced Skills and Combat Life Saver training. The training focuses on the three most common causes of death in combat: hemorrhages, blocked airways and collapsed

"We train our students to save lives in combat," said Sgt. 1st Class Humberto Figueroa, MSTC course manager. The course ensures all students



Sqt. 1st Class. Kenneth Hasbrouck of Grafenwoehr applies a pressure bandage to a simulated victim of a chest wound during training at JMTC's Medical Simulation Training Center in Grafenwoehr, Germany.

receive hands-on tactical and technical combat medical training to save lives during small unit operations in close combat.

"We encourage Soldiers to respond and treat

casualties within minutes of the "golden hour," said Figueroa. The golden hour is the first 60 minutes after the occurrence of multi-system trauma, and Figueroa added a victim's chances of survival are better if they receive care within that first hour after a severe injury.

Before being "ambushed" and thrown into "combat," to treat simulated "battle-casualties," Soldiers are introduced to life-sized, computermonitored mannequins connected to a power and fluid supply, making it appear life-like, breathing and bleeding. Each mannequin has different injuries, so the necessary care and treatment of each varies.

The virtual patients live or die based on the quality of care provided by the Soldiers during the training.

Trainers teach Soldiers to perform triage, a process for sorting the injured into groups based on their medical treatment needs.

According to William Goodwin, MSTC instructor and trainer, Soldier-students learn to apply tourniquets in treating severed limbs. They learn to treat a blocked airway, by inserting a tube in the patient's nose to ensure an open airway. Soldiers

symptoms and render life-saving care, such as, treating shock, applying splints, and administering saline and intravenous infusions.

Only when the Soldier-medics master the tasks, do they advance to the next level of training, the combat scenarios.

Audio and video recording systems can record each Soldier's performance in the MSTC combat room during the after-action reviews. The results of each Soldier's Soldiers performance are analyzed.

The training offered at the JMTC's MSTC affords Soldiers the opportunity to hone their life saving skills in an environment where they can learn from their mistakes, and eventually apply that knowledge on the battlefield.



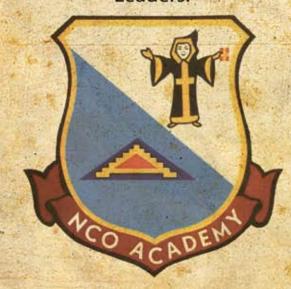
A student at the Medical Simulation Training Center cares for a victim of severe stomach trauma during a scenario in the MSTC combat room. The JMTC provides both U.S. and Coalition Soldiers with realistic medical training through

the use of computerized mannequins that breathe and bleed, and live or die based on treatment.

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Training HEATs up in Romania and Bulgaria during JTF-E JMTC Exercises Tools to Improve

Soldier Skills

uring the Joint Task Force-East (JTF-E) exercise, Soldiers of the United States, Romania and Bulgaria, trained on devices to ensure Soldiers were well-trained and ready for common battle scenarios.

Since Soldiers trapped in an overturned HMMWV are easy targets for the enemy during combat, more than 570 U.S. and Coalition Soldiers were trained using the High Mobility Multipurpose Wheeled Vehicle (HMMWV) Egress Assistance Trainer (HEAT).

While training in the HEAT trainer, Soldiers are required to open the doors, unlock their seat belts and exits their Humvee in under 20 seconds

They put one hand on top of their helmet, unbuckled themselves from their seat belt and let gravity lower them downward while their hand softened the weight between their heads and the Humvee's floorboard.

The Soldiers opened the Humvee's doors, and exited the overturned vehicle.

They helped one another, and were especially careful of those that might be wounded or unconscious.

Soldiers practiced a variety of escape techniques. The HEAT trainer is designed to change Soldiers' reactions from panic to confidence and increase escape time. A trained occupant has a 250 percent greater chance of survival than those who are untrained.

To train your soldiers on HEAT, contact your Regional Training Support Center by dialing your local DSN prefix + 1398, or see the JMTC telephone directory.













Story and photo by Spc. Jerry Wilson JMTC Public Affairs

group of Soldiers arrived at a mock Iraqi village to apprehend a prominent insurgent. Although most of these Soldiers had probably performed this training before, what made this time different was their arrival via air assault.

"It is great to use the helicopter for this exercise; it is something we don't get to do often back home, so it was an awesome rush for my guys," said 1st Lt. Jared Tomberlin, a Company B platoon leader. Soldiers of Co. B, 1st Battalion, 4th Infantry Regiment from Hohenfels, Germany, underwent an air assault exercise at Babadag Training Area in Romania, July 11, as part of the Joint Task Force East (JTF-E) exercise.

The Joint Multinational Training Command (JMTC), headquartered in Grafenwoehr, Germany, deployed both Soldiers and equipment to help train United States, Bulgarian and Romanian troops during the 6-month exercise.

The 1-4 Inf. Bn., based at the Joint Multinational Readiness Center in Hohenfels Germany, has a unique dual mission. The unit serves as the opposing force during field exercises to ensure that U.S. troops and their coalition counterparts receive realistic training before deploying downrange. And 1-4 also conducts regular deployments to Afghanistan, working alongside Romanian Land Forces, providing security.

During this training exercise, the JTF-E provided some less experienced 1-4 Soldiers an opportunity to train alongside their Romanian counterparts before going to the field.

"About 50 percent of the unit I have out here is Soldiers fresh out of basic training," Tomberlin said. "It is great for them to receive this type of training."

The scenario and mission for the day — conduct a raid on a village known to house a high value target. The unit sent one squad in by Blackhawk helicopter, while the rest arrived by ground transport.

"It is good for my Soldiers to incorporate the use of helicopters alongside the trucks into their training," Tomberlin said. "It allows them to truly get a feel for what things may be like downrange."

Spc. Robert Newman had a different perspective. Unlike many of his squad members, Newman had already deployed downrange.

"The overall training we have received here has been great," he said. "This is the first time I have ever worked with Soldiers from another country, and I found them just as willing to head into the fight as we are."

Throughout the course of the exercise a squad from each platoon was attached to a Romanian company from the 21st Mountain Battalion, and a Romanian squad was assigned to the 1-4 Infantry Battalion.

The JMTC is the Army's premier training provider in Europe. Planners regularly plan and conduct exercises that ensure cooperation between U.S. and coalition partners, as well as, the other military services.

Graf-Hohenfels 'Eyes in the Sky' Add Training Realism

By Spc. Matthew A. Thompson, 5th MPAD and Denver Makle, JMTC Public Affairs

That better way to become more interoperable than to train together? That means sharing brand new technology and discovering the capabilities in a complex and realistic environment. Unmanned Aerial Vehicles (UAVs) are remote-controlled aircraft equipped with cameras and sensors. The UAV is one of the premier weapons systems used in Iraq and Afghanistan to provide commanders with real-time aerial images of the battlefield.

During Cooperative

operates the electronic

and infrared cameras attached to observe troop movements and possible enemy forces. This helps the Soldiers on the ground avoid ambushes and other obstacles, such as improvised explosive devices, downed bridges or overpasses. UAVs can capture what's happening on the battlefield without the loss of human life, but that's not all they do.

During simulations, UAVs recreate the simulation feed and turn it into a simulated UAV feed as if it is coming from an aerial platform. This video feed can be used by a unit's commander to make decisions about troop movements and tactical operations just as he would in a real operation.

"We can use a UAV to do route

reconnaissance and spot differences in the said Sgt. Anthony Perdue, a UAS flight line noncommissioned officer in charge, 3rd Stryker Brigade Combat Team, 2nd Inf. Div. "Using a UAV, we can catch a threat beforehand."

While training, observers and controllers have a bird's eye view of unit activities and the UAV feed simulates troop actions on the battlefield. Each nation had a remote video terminal so they could observe what was captured and simulated by the UAV.

asset UAVs are on the battlefield," said Sgt. Edward Powell, squad leader and fore-sight noncommissioned officer in charge.

The JMTC's two training areas at Grafenwoehr and Hohenfels are the only places in Europe, other than Baumholder, where the Army flies UAVs.

"The training is an opportunity to learn more about interacting with other countries and incorporating what we learn (from the other nations) into our training," Thacker said. "It's an opportunity to create good will and connect with some countries on a personal level."



Spc. Matthew A. Thompson

Spc. Mark Daves, an unmanned aerial vehicle maintainer with 3rd Stryker Brigade Combat Team, 2nd Infantry Division, pushes a Shadow UAV down the runway. The 3-2 SBCT participated in the American, British, Canadian, Australian and New Zealand Armies Program interoperability test, ABCA, at the Joint Multinational Training Command's, Joint Multinational Readiness Center, near Hohenfels, Germany, Sept. 16.

Spirit 2008 at the Joint

Multinational Readiness Center (JMRC) near Hohenfels, Germany, the Unmanned Aerial Systems squad with 3rd Stryker Brigade Combat Team, 2nd Inf. Div., a six-member crew that includes maintenance, operators and a squad leader, rehearsed their mission, while also providing training support to the American, British, Canadian, Australian and New Zealand Armies testing their ability to work together on the battlefield.

Flying the UAV remotely, Spc. Joshua Thacker, a UAV operator for the brigade, pavement from an area we observed previously,"

"We get an opportunity to show how great an



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An Australian Soldier provides security during an air mobility insertion exercise at in Hohenfels, Germany. The JMTC's unique live fire capability in the Grafenwoehr and Hohenfels maneuver training areas allows units and commanders to train on tasks that replicate the complexities of full spectrum operations in an increasingly urban and complex environment.

Story and photos by Pfc. Joshua Sizemore 5th Mobile Public Affairs Detachment

erations during Cooperative Spirit 2008 at the Joint Multinational Readiness Center near Hohenfels, Germany, September 25, 2008.

The training fosters interoperability between the American, British. Canadian. Australia and New Zealand Armies.

Australian Soldiers from the 1st Bn., Royal Australian Regt. (1RAR), commonly known as the "Big Blue One," are participating in the ABCA Armies Program.

Exposed to the elements, the groups of infantrymen performed an air mobile insertion maneuver out here, operating in a combined face and hands. Soldiers wedged

flung wide-open for the duration of their flight across enemy territory, only to dismount and begin patrolight infantrymen from ling their territory as Stryker ve- command of Charlie Company. "Down Under" engaged in hicles provided over-watch to the air mobility insertion op- position. This method enabled Sol-

> "This will certainly be something that I'll remember for the remainder of my military career."

- Australian Capt. Chris Rohan

diers to minimize potential losses by traveling in a manner less predictable.

up the opportunity that they've had

via four helicopters. Their doors arms environment. This is the type of training, we as commanders, dream about," said Australian Capt. Chris Rohan, the second in-

> The mission began when Soldiers from 9 Platoon, Charlie Company, 1RAR, mounted American Stryker vehicles belonging to 5th Bn., 20th Inf. Regt. Infantrymen from Fort Lewis, Wash., gave them a taste of what it's like to travel in a Stryker so they could provide security over-watch at the landing zone. The real action was yet to come; the air mobile insertion with UH-1 Iroquois "Huey" helicopters, their doors wide open.

The Aussies rehearsed on a bristling thatch that overlooked the brigade's operating area. The chill "These guys have really eaten of blustery weather muffled their conversations and nipped at their

into helicopters, bundled hip-to-hip. Their mammoth rucksacks weigheddown on their laps, blocking their eye sight, and obstructing their view, as they leaped out into the prone position.

These air-mobile operations are designed to allow Soldiers an opportunity to develop their dexterity in a controlled environment before they perform real-

"We're here to get a

better understanding

of urban tactics and

techniques"

- Australian Forward Scout

Pvt. Jake Cellars

life combat missions. The JMRC is situated to prepare Soldiers for all sorts of battlefield scenarios.

"We've seen improvein their skill levels over a very short period

of time," Rohan said. "This will be the highlight for a lot of these Soldiers, including myself. This will certainly be something that I'll remember for the remainder of my military career."

This event has been a first for many new Soldiers to interact and build camaraderie with foreign units who they might meet during future coalition missions.

"We're here to get a better understanding of urban tactics and techniques. We are directing all the people who are coming in on the Hueys.' When we're out on patrols and stuff, we're usually up front letting our section partner know what's going on," Australian Forward Scout Pvt. Jake Cellars, 8th Platoon, Charlie Company, 1RAR, said.

> By defusing differences and standardizing operational procedures between the allied ground forces, future missions, as well as those that are ongoing, will wrap-up more conclusively.

Rohan said the training was realistic.

"Having the opportunity to work amongst our coalition partners and the wide variety of vehicles and air frames whilst they've been here is certainly something that they'll take away from this," he said. "The observer/controllers bring so much experience with them. Whether it be operating in Iraq or Afghanistan, certainly the lessons that they've learned, they've certainly passed onto us. It's been great."

To



Australian Soldiers provide security in this Stryker vehicle near Hohenfels, Germany, Sept. 25, 2008, while Infantrymen land by air mobile insertion.

British Troops Clean-Up MUD HUTVILLAGE Story and photos by Sgt. Ist Class Matthew Davio Stlf Mobile Public Affairs Detachment

It's a small town, with just four to seven buildings depending upon your definition of the word, far off the beaten track from anywhere. However, it is a place where you can find an American playing ping pong with an Afghan, or a German sitting down for a game of Backgammon with an Iraqi. They share food and drink. It's a small town for a small world, where skin color or culture doesn't matter nearly as much as a friendly smile.

PARADISE SHATTERED

Two words shatter the paradise: "They're coming!" Suddenly the actors leap into their roles, a startling transition from inter-country harmony to the job that brought

them together in the first place. U.S. Soldiers in the roles of insurgents pick up weapons and move to sniper positions. German and Afghan alike go to mock stalls to hock their wares of broken televisions, year-old magazines and paintings of fruit on the wooden planks of the stalls. Arabic music blares from a stereo that was playing Nelly a mere moment before. Finally, a squad of six British Soldiers march past, checking the road for traps before radioing an "All clear" for the rest of their platoon.

Saturday's training is the kind only the Joint Multinational Readiness Center can provide, which makes it a more than ideal location for the American, British, Canadian, Australian and New Zealand Armies' Program to host the Cooperative Spirit 2008 training event. The goal is

not only talk electronically despite different communication systems but also work together tactically.

"It's the realism – the markets and the Arabic clothes," said British Army Lance Sgt. David 'Crash' Braithwaite of the Welsh Guards. "There's loads of assets available to us. It's also seeing the way other nations do things. Working with Americans has been quite cool."

COURSE OF ACTION

For the deliberate assault, the first course of action was to find the police chief of the town and request his help in their mission to find the insurgents reported as hiding there. The translator quickly turned the English sentence of "Please keep the people a safe distance, we will be the ones to go after the insurgents" into its Arabic equivalent.

The police chief agreed, and the Welsh Guards moved in to form an inner cordon. Moving

> in with them was a squad from the U.S. 478th Civil Affairs Battalion (Special Operations) (Airborne) out of Miami. Fla., attached to the unit to provide reimbursement vouchers for any damage caused, in lieu of a British CA team.

> > Two-man

interoperability – making sure the nations can

The police chie the Welsh in to fe cor

A British Army Soldier with the 3 Company, 1st Battalion Welsh Guards uses his land rover for cover as part of the outer cordon during the unit's deliberate attack training at the Joint Multinational Readiness Center, Sept. 20., which is hosting the American, British, Canadian, Australian and New Zealand Armies' Program training event -- Cooperative Spirit 2008. The goal of the training event is interoperability – making sure the nations can not only talk electronically despite different communication systems but also work together tactically. JMRC is part of the Joint Multinational Training Command which offers up-to-date, realistic training for both U.S. and coalition forces throughout Europe.

teams were set to check room-byroom, but before they got past the gate of a walled, two-story complex, a smoke grenade was thrown and gunfire sent infantrymen and civil affairs alike for cover to return fire.

"It's a little different than working with other U.S. guys, but Soldiering is Soldiering," said U.S. Army Staff Sgt. Leroy Murray, civil affairs noncommissioned officer and Rocklidge, Fla., native. "We've been trying to mash out the little differences, like picking up on their slang. We feel we're part of the Welsh Guards. I don't think we're being seen as the U.S. and British, but seen as one unit."

"There's no difference in operations," Braithwaithe added. "With the Americans here or by ourselves, the mission is run exactly the same – no difference at all."

OPPOSING FORCES

The U.S. Soldiers stationed here who are playing opposing forces have no interest in making the task easy; several said they know firsthand that the actual terrorists will hold nothing back. They barricaded themselves into concrete rooms by throwing a mattress in front of the door and propping it with furniture. They pulled steel shades down over the windows, opening them just a crack to fire down alleys or into the town square. They hid under beds and around corners. For all their tricks, the 9 Platoon Soldiers overcame them one-by-one as their earlier training paid off.

The Soldiers and roleplayers alike were wearing Multi-Integrated Laser Engagement Systems, which let off a high-pitched electric whine when hit by a laser. A mount sitting on the barrel of a weapon projects a laser when struck, or by the jarring action of a rifle firing a blank round.

The first practice round was punishing for the Welsh Guards as the opposing forces held nothing back. After each of the three platoons had a practice run, and with the help of the JMRC observer controllers, the Welsh Guards spent their lunch break in combat drills and learning from their

A British Army Section commander with the 3 Company, 1st Batt. Welsh Guards shouts commands to the rest of his section under the concealment of green smoke as they search the buildings of the Mud Hut Village training facility in the Joint Multinational Readiness Center, Sept. 20. The JMRC is hosting the American, British, Canadian, Australian and New Zealand Armies' Program training event, Cooperative Spirit 2008. The goal of the training event is interoperability.

mistakes.

Each platoon returned one at a time in the afternoon for a second go as a harder, tighter, no-non-sense fighting team.

"I've learned far more here about fighting in a built theater than I ever have in Britain," said British Army Guardsmen Ryan Roberts, second in command of the 3 Section, 9 Platoon, 3 Company, 1st Battalion Welsh Guards and Holyhead, Wales, native. "Assaulting the positions, searching the houses, finding the enemy ... it's very intense training. In Britain we've only gone through basic ranges. We've been doing live-fire lanes, but today is the best training so far. This is something new to me, and it's much more realistic. It has made me a better Soldier, and I'm ready for a more aggressive OPFOR."

WISH COME TRUE

Roberts didn't wait long to get his wish. Just as the Welsh Guards began to consider the job done, the "Afghans of Bargi Matal" roleplayers began to shout protests and threw Styrofoam rocks at the British Land Rovers. Another insurgent appeared from behind the crowd, firing a M-249 squad assault weapon from the hip in a steady stream of blank fire

that nonetheless forced the roleplayers to flee and risked setting off the Welsh Guards' MILES gear.

TAKE COVER

The Soldiers immediately took cover behind their vehicles and returned fire, downing the opposing forces' Soldier in a second. Another insurgent ran past the gate, spraying fire from an M-4 rifle before going into hiding. He must be found, and so the British troops went through clearing each building all over again. It's a task they accomplished efficiently and without complaint.

"They are pretty cut and dry how they want to do operations," Murray said. "We give them ideas to integrate, but they decide what's best to use to get the job done."

Every nook and cranny of Mud Hut Village was scoured, the last insurgent roleplayer found and stopped. Once again, the angry, ungrateful mob formed, shouting curses in Arabic. When the British vehicles pulled away after a job well done, the crowd cheered ... after all, they could go back to Nelly and ping pong games now.



JMTC Offers Life-Saving IED Training

Story and photos by Spc. Jerry Wilson-JMTC PAO

ccording to Department of Defense statistics, more than 4,000 U.S. personel both Soldiers and civilians have died during the ongoing war in Iraq. Many of these deaths have been the result of coming into contact with the improvised explosive device.

As the threat of IED attacks increases, Soldiers from all over U.S. Army Europe gathered at the Joint Multinational Training Command's Grafenwoehr Training Area to undergo vital training that may soon save not only their lives but the lives of their fellow Soldiers.

You are part of a patrol of Soldiers walking up what appears to be a deserted road in a small Iraqi town. You and the rest of your squad have been put on alert for anything that looks unusual in your surroundings. You pass a traffic circle with a dead animal on the side of the road.

One of your fellow Soldiers sees a culvert in the road up ahead. He rushes forward to investigate. He starts to walk in front of the opening when a loud

siren goes off. He and several of the Soldiers in the vicinity are dead, killed by an Improvised Explosive device hidden deep inside the pipe under the road.

This was but one of the sce-



Students from the IED Awareness Course conducted at the JMRC in Hohenfels, Germany study a radio-detonated mock up of an IED left by students during a field exercise. The JMTC offers a variety of courses like the IED course to prepare Soldiers for deployment downrange.

narios 35 Soldiers experienced recently during a counter IED Awareness course.

Fortunately the training these Soldiers received during the three-day course will help them to avoid

such a fate.

Supported by the Combined Arms Training Center (CATC) the three-day course was taught by instructors from the Joint Asymmetrical Threat and Counter IED



Two students from the IED Awareness course prepare a simulated roadside bomb with pressure plate during a field exercise. The IED course is one of many conducted by the JMTC. The JMTC is the U.S. Army's premier provider of training for both U.S and coalition forces in Europe.

More than 4,000 U.S.

personel have died during

the ongoing war in Irag.

Many of these deaths

have been the result of

coming into contact with an

improvised explosive device.

program at Ft. Irwin California. The program was contracted by the Joint Center of Excellence (JF-COE) and sends experts to various bases throughout the United States conducting classes to help Soldiers better recognize potential IED threats that may be encountered downrange in Iraq or Afghanistan. The

course conducted at JMTC was the team's first time teaching in Europe.

"We teach the students basically how to do lanes training," said counter-IED instructor Lance DeLong. "We teach them how to identify certain key terrain features that could be utilized by an insurgent for an IED cite."

"They would then interrogate that area with some type of surveillance equip-

ment," DeLong said. "For example if they have robotic capabilities they would drive robots up there."

DeLong also explained that if an IED team had optics equipment they would scour the suspect area looking for possible evidence of IED placement.

"They would use optics to look for finite indicators such as wires, disturbed dirt, det cord...anything that is abnormal," he said. "The absence of normalcy is really the indicator they are looking for."

The first day of training, and half of the next, was spent in the classroom learning the various signs of a potential IED threat. Then the students went to the field where they tested their knowledge retention during a hands-on exercise.

During the field execise the class was broken down

into four groups. Each group was given a lane and told to use what they had learned in class to set up IED traps along the route. Two teams designed lanes to be navigated by vehicles while the others designed lanes that Soldiers would walk.

Each team was given the chance to navigate an opposing team's lane in hopes of uncovering any and all mines laid.

According to DeLong this training is designed to update Soldiers on the latest tactics techniques and procedures used by insurgent forces in Iraq and Afghanistan.

Soldiers attending the course will take this training back to their units in order to train others. According to students in the course this training is a must for anyone preparing to deploy.



THE

EVOLUTION of JMSC

Story by Col. Stephen S. Seitz, JMSC Director of Simulations Photos courtsy of JMSC Visual Information

Emerging Training Capabilities

New technology, new training tools and a changing force structure in Europe, can only mean one thing to the Joint Multinational Simulations Center — be part of the change or be left behind. The later isn't an option.

The most visible change - an addition to the JMSC is the conversion of Building 2000 into a multi-purpose training facility.

The building is now home to the

JMSC Operations and Communication Branches, a team from the 69th Signal Battalion, the Global News Network (GNN) exercise support media studio, and the Digital University (DU).

The building features five separate networks that support exercises at various classification levels and enables linkage to world-wide simulation centers.

The facility provides 26 reconfigurable training areas, supports 500 computer work-stations, and has mobile video teleconferencing capabilities and collaborative tools.

The main bay is 30,000 sq. ft. and was successfully christened during the exercise AUSTERE CHALLENGE 2009 (AC09) Main Planning Conference (MPC).

The JMSC inherited the 50,000 sq. ft. building in 2007 and began converting it into the organizations



Col. Stephen Seitz, Director of Simulations (left), Mr. Sherman Watts, JMSC Facilities Manager (middle) and Col. Timothy Touzinsky, JMTC Chisf of Staff cut the ribbon at the JMSC opening ceremony, Nov. 12.

center of gravity.

It was previously the Close Combat Tactical Trainer (CCTT) facility, used to train tank and mechanized infantry crews in virtual simulators. However, because of USAREUR down-sizing and restructuring, the large CCTT facility was no longer needed. The Mobile CCTT (MCCTT) trailer mounted systems, managed by the JMTC's Directorate of Training (DOT), met remaining training requirements.

The MCCTT will be one of many semi-trailer enclosed virtual training devices stationed in a virtual motor park planned for construction in the spring within the JMSC footprint. Other mobile virtual devices to also be stationed there include: the Virtual Combat Convoy Trainer (VCCT), Mobile Conduct of Fire Trainer (MCOFT), and the Aviation Combined Arms Tactical Trainer (AVCATT).

Many improvements are still underway in Build-



Aerial view of Building 2000, which is now the JMSC center-of-gravity.



JMSC staff in Building 2000 new After Action Review (AAR) Room, January 2009



One of 18 training rooms in Building 2000 supporting 800 computers in 40,000 sq. ft. of space used for theaterwide exercises and simultaneous training events.

BCST HIGH TECH TRAINING LOW COST

The JMSC has also been using a prototype version of the Battle Command Staff Trainer (BCST) to train staffs and experiment with multi-echelon training. It was fielded to the JMSC by the U.S. Army National Simulation Center (NSC) from Fort Leavenworth, Kansas. The JMSC has used it several times as a lowoverhead training enabler for staffs learning to use their battle command systems and to collaborate between them effectively. It generates battle command messages to stimulate interaction between staff members. It is a great tool for "crawl-level" training as a staff is preparing for a major exercise; it only requires a little preparation time, a couple of laptops, and a few instructors.

BCST can also bridge the gap between several battle command systems, VBS2, and the Joint Conflict and Tactical Simulation (JCATS) simultaneously. Linking VBS2 at the tactical level (platoon) and JCATS (at the battalion to CJTF level) with battle command systems has the potential to enable breakthrough multi-echelon training capabilities. The JMSC is experimenting with the best ways to capitalize on this emerging capability.

The NSC is also expected to field a version of WARSIM in 2009 for use during major exercises. It will be used along with a federation of mutually supporting simulations such as the Joint Non-kinetic Effects Module (JNEM). JNEM is designed to immerse the training audience in a Stabilization and Reconstruction Operations (S&RO) environment where civilians and civilian groups are centers of gravity and commanders are faced with competing satisfaction levels amongst competing groups.





ing 2000. This spring, new thin client technology will be operational at the JMSC. This will enable the traditional computer hard drive capability to remain on a server, which is particularly beneficial on classified networks since the workstations will no longer contain classified data when the servers are shutdown.

This will reduce security and manpower requirements significantly for the JMSC by eliminating the need to regularly install, recover, and secure hundreds of hard drives in support of large-scale exercises. It will also allow more efficient software changes and network management. This technology upgrade will gradually be expanded across the JMSC networks using existing computers as thin client hosts.

Digital University

Building 2000 is the new base of operations for the 7th Army JMTC Digital University (DU). In the past year, the DU has trained nearly 3,000 system operators.

Recently, Distributed Common Ground System-Army (DCGS-A) and the Tactical Ground Reporting System (TIGR), battle command courses, have been added to the list of available courses taught by DU staff.

DCGS-A provides integrated Intelligence, Surveillance, and Reconnaissance (ISR) information fusion. It facilitates timely information exchange and collaboration with other battle command systems. DCGS-A is intended to consolidate functions that previously were provided by 12 separate ISR information management systems.

TIGR is a multimedia system that enables timely reporting by

Soldiers at the patrol level. It is particularly useful in providing detailed intelligence information related to personnel, their locations, and capabilities associated with counterinsurgency operations.

The JMSC has used DARWARS-Ambush for several years as an Intermediate Desktop Simulation (IDS) to train small units on tactics, techniques, and procedures. The software, created by the Defense Research Project Agency (DARPA), used existing gaming technology to help Soldiers prepare for con-



This collection of screen shots from VBS2 depict scenes that could be used for IED training.

voy operations in hostile areas and actions on contact during deployment. The Virtual Battlespace 2 (VBS2), an Intermediate Desktop Simulation (IDS) is a newer derivative of the original DARWARS-Ambush gaming technology. The U.S. Army is recently selected it as the new first-person shooter IDS to replace DARWARS-Ambush.

The Next Steps

The JMSC is planning some Joint Improvised

Explosive Device Defeat Organization (JIEDDO) funded facilities and systems upgrades that will support expanded use of the next-generation IDS gaming technology. This effort will expand existing capabilities to better support collective small unit training prior to live training with inert IEDs.

The JMSC provides oversight for simulations contractors at several locations to include the Joint Multinational Readiness Center (JMRC) at Hohenfels. Recent efforts have found better ways to push simulated intelligence information, such as

ISR feeds, from the JMSC to the JMRC during live training rotations. It will be done with TACSIM, a specialty simulation that uses classified databases. This is another initiative that will enhance realism and training value.

The JMSC is always ready to assist in training U.S. personnel and current or potential coalition partners. Top priority is of course given to Soldiers preparing to deploy. Contact the JMSC today to coordinate training for your unit at DSN 314-474-2622. 🗓

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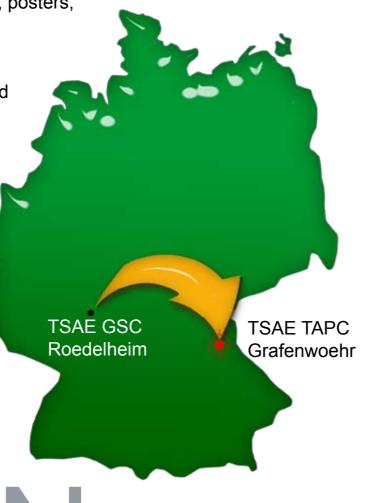
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For more information on the products and services offered by TAPC, check us out on the Web at www.hqjmtc.army.mil/institution/organization/dot/TSAE/tsae.htm You may request TAPC services by contacting any Training Support Center in Europe by dialing your local DSN + 1398.



New Name

CZECHS at CATC

The Combined Arms Training Center trains Soldiers from the United States, allied and partner nations in tactical training courses, including the Up Armored HMMWV Drivers Training and Combat Medic Life Saver.

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For more information on the 2009 course schedule contact the CATC Sustainment Training Branch at DSN 314-476-2863.











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